



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/033,932	01/03/2002	Wen-Wen Chiu	CHIU=13	2277

1444 7590 09/19/2002

BROWDY AND NEIMARK, P.L.L.C.
624 NINTH STREET, NW
SUITE 300
WASHINGTON, DC 20001-5303

EXAMINER

LEE, EDDIE C H

ART UNIT	PAPER NUMBER
----------	--------------

2815

DATE MAILED: 09/19/2002

6

Please find below and/or attached an Office communication concerning this application or proceeding.



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER OF
PATENTS AND TRADEMARKS Washington, D.C. 20231

Date: 09/18/02

In re Application of: Chiu, Wen-Wen

Application Serial Number: 10/033,932

Filed: 01/30/02

Attorney Docket Number: CHIU=13

Subject: Response to Request for Refund

Dear Sir or Madam:

This is in response to your letter submitted 07/11/02, wherein you requested a refund of \$ 65.00 in the above-identified application.

The request for refund is **DENIED**.

After thorough inspection of U.S. Patent and Trademark Office physical records and Revenue Accounting Management financial records, it is determined that you are not entitled to a refund of \$65.00 because the fee for Non-English Specification is \$ 130.00, therefore your deposit account was charge \$ 65.00 for the difference.

Telephone inquiries concerning this matter maybe directed to the undersigned at (703)-308-6092

This application will be retained in the Technology Center 2800.

Sincerely,

A handwritten signature in cursive script, appearing to read "Sharon Surler", is written over the printed name.

Job Title:

Technology Center 2800 – Team One

Office of the Assistant Commissioner for Patents

Notice of Allowability

Application No.

10/033,932

Examiner

Jasmine J B Clark

Applicant(s)

CHIU, WEN-WEN

Art Unit

2815

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to ____.
2. ☒ The allowed claim(s) is/are 1-19.
3. ☒ The drawings filed on 03 January 2002 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: ____.
5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 - (a) ☐ The translation of the foreign language provisional application has been received.
6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☐ CORRECTED DRAWINGS must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No. ____.
 - (b) ☐ including changes required by the proposed drawing correction filed ____, which has been approved by the Examiner.
 - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. ____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the top margin (not the back) of each sheet. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1 <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. ____. |
| 5 <input type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. ____. | 6 <input type="checkbox"/> Examiner's Amendment/Comment |
| 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9 <input type="checkbox"/> Other |

DETAILED ACTION

1. The priority paper filed 06/04/02 has been received and made of record as paper No. 4.

2. Claims 1-19 are allowed.

The following is an examiner's statement of reasons for allowance:

Farnworth et al. (US 6,057,597) show a structure of a device having a chip mounted on a substrate; a plurality of bonding wires connected between pads of the substrate and pads of the chip; an adhesive means 28E disposed between a spacer 34, wherein the spacer is disposed on the substrate; and a cover 20E covering the chip and the bonding wires. However, Farnworth et al fail to disclose having the adhesive on the top side of the substrate around the border thereof; and a spacer connected between the substrate and the cover.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. The references of interest are cited: Gotoh et al. (US 6,204,454 B1), Cheskis et al. (US 5,650,592), Yokochi et al. (US 5,397,918), You (US 5,877,546), Burns (US 5,804,870), Fusayasu et al. (US 5,773,879), Choi (US 5,753,857), Matsushima (US 6,232,652 B1), Baba (US 6,313,521 B1), Shishido et al. (US 6,294,831 B1), and Vogel

et al. (US 6,317,326 B1) teach applying an adhesive at the periphery of the package between the substrate and the cover.

3. Note that: this Application 10/033,932 was searched, in class 257, subclasses 678, 704, 709, 713, 783, 684 in view of the limitations of the claimed invention. A full search on EAST (USPAT, US-PGPUB, JP, EP, Derwent, IBM TDB) was done, and no references could be found.

Telephone Inquiry Contacts

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jasmine J. B. Clark whose telephone number is (703) 308-4857.

The examiner can normally be reached on From M-F. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eddie Lee can be reached on (703) 308-1690. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-7722 for regular communications and (703) 308-7724 for After Final communications.

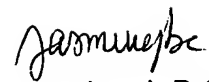
Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

Application/Control Number: 10/033,932

Art Unit: 2815

Page 4

jjbc/11/30/02



Jasmine J. B. Clark
Primary Examiner
AU 2815